Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112223\
Data File : BG059839.D
Acq On : 23 Nov 2023 5:53
Operator : MA/JU
Sample : PB157208BL
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB157208BL

Quant Time: Nov 23 06:32:31 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 17 01:51:38 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.364	152	73	20.000	ng	# 0.02
21) Naphthalene-d8	11.254	136	215	20.000	ng	# 0.06
39) Acenaphthene-d10	15.056	164	75	20.000	ng	# 0.08
64) Phenanthrene-d10	17.817	188	125	20.000	ng	# 0.10
76) Chrysene-d12	22.147	240	232	20.000	ng	# 0.10
86) Perylene-d12	25.726	264	156	20.000	ng	# 0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.825	112	198495	45766.365	ng	0.00
7) Phenol-d6	7.453	99	277004	43098.616	ng	0.00
23) Nitrobenzene-d5	9.533	82	253386	45010.780	ng	0.00
42) 2,4,6-Tribromophenol	16.448	330	194385	228428.173	ng	0.00
45) 2-Fluorobiphenyl	13.581	172	689056	123666.807	ng	-0.02
79) Terphenyl-d14	20.291	244	1539694	97972.807	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.728	88	578	283.739	ng	# 1
3) Pyridine	4.098	79	63	11.323	ng	# 1
4) n-Nitrosodimethylamine	4.027	42	53	17.906	ng	# 1
6) Aniline	7.705	93	192	22.636	ng	# 41
8) 2-Chlorophenol	7.929	128	63	13.390	ng	# 35
9) Benzaldehyde	7.512	77	63	14.501	ng	# 10
10) Phenol	7.517	94	59	8.907	ng	# 20
11) bis(2-Chloroethyl)ether	7.752	93	92	22.311	ng	# 30
12) 1,3-Dichlorobenzene	8.522	146	83	15.881	ng	# 18
13) 1,4-Dichlorobenzene	8.522	146	83	15.815	ng	# 21
14) 1,2-Dichlorobenzene	8.622	146	58	11.123	ng	# 27
15) Benzyl Alcohol	8.569	79	93	12.689	ng	# 17
16) 2,2'-oxybis(1-Chloropr...	8.957	45	62	40.866	ng	# 1
17) 2-Methylphenol	8.681	107	89	18.241	ng	# 1
18) Hexachloroethane	9.486	117	78	35.015	ng	# 7
19) n-Nitroso-di-n-propyla...	9.533	70	41433	8186.190	ng	# 88
20) 3+4-Methylphenols	9.145	107	68	10.039	ng	# 15
22) Acetophenone	9.215	105	75	12.321	ng	# 55
24) Nitrobenzene	9.615	77	205	39.540	ng	# 1
25) Isophorone	10.103	82	307	32.484	ng	# 64
26) 2-Nitrophenol	10.308	139	54	28.409	ng	# 31
27) 2,4-Dimethylphenol	10.373	122	72	18.630	ng	# 79
28) bis(2-Chloroethoxy)met...	10.590	93	76	21.400	ng	# 1
29) 2,4-Dichlorophenol	10.825	162	80	24.245	ng	# 32
30) 1,2,4-Trichlorobenzene	11.078	180	124	37.184	ng	# 12
31) Naphthalene	11.184	128	149	13.782	ng	# 1
32) Benzoic acid	10.391	122	119	45.244	ng	# 1
33) 4-Chloroaniline	11.425	127	122	26.531	ng	# 38
34) Hexachlorobutadiene	11.389	225	112	49.348	ng	# 50
35) Caprolactam	12.194	113	70	58.046	ng	# 17
36) 4-Chloro-3-methylphenol	12.488	107	118	26.890	ng	# 28
37) 2-Methylnaphthalene	12.876	142	158	17.352	ng	# 50
38) 1-Methylnaphthalene	13.123	142	96	11.433	ng	# 7
40) 1,2,4,5-Tetrachloroben...	12.941	216	54	26.660	ng	# 1
41) Hexachlorocyclopentadiene	13.181	237	148	116.486	ng	# 32
43) 2,4,6-Trichlorophenol	13.458	196	77	54.668	ng	# 2

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.593	196	102	61.632	ng	#	1
46) 1,1'-Biphenyl	14.127	154	252	42.807	ng		93
47) 2-Chloronaphthalene	13.939	162	53	13.103	ng	#	32
48) 2-Nitroaniline	14.163	65	73	50.547	ng	#	7
49) Acenaphthylene	14.774	152	137	19.863	ng	#	1
50) Dimethylphthalate	14.492	163	70	12.044	ng	#	77
51) 2,6-Dinitrotoluene	14.650	165	87	78.905	ng	#	55
52) Acenaphthene	15.091	154	290	69.914	ng	#	23
53) 3-Nitroaniline	15.015	138	91	70.510	ng	#	1
54) 2,4-Dinitrophenol	15.255	184	100	122.051	ng	#	54
55) Dibenzofuran	15.467	168	59	8.627	ng	#	1
56) 4-Nitrophenol	15.232	139	97	98.238	ng	#	1
57) 2,4-Dinitrotoluene	15.314	165	71	41.873	ng	#	1
58) Fluorene	16.078	166	79	13.904	ng	#	8
59) 2,3,4,6-Tetrachlorophenol	15.661	232	95	65.301	ng	#	34
60) Diethylphthalate	15.867	149	83	13.315	ng	#	60
61) 4-Chlorophenyl-phenyle...	16.107	204	96	32.826	ng	#	15
62) 4-Nitroaniline	16.160	138	72	55.664	ng	#	1
63) Azobenzene	16.384	77	111	16.024	ng	#	51
65) 4,6-Dinitro-2-methylph...	16.184	198	102	133.524	ng	#	32
66) n-Nitrosodiphenylamine	16.213	169	1107	303.163	ng	#	24
67) 4-Bromophenyl-phenylether	16.877	248	320	238.295	ng	#	27
68) Hexachlorobenzene	17.089	284	89	71.010	ng	#	33
69) Atrazine	17.130	200	789	673.944	ng		90
70) Pentachlorophenol	17.447	266	381	398.450	ng	#	21
71) Phenanthrene	17.841	178	2892	455.055	ng	#	75
72) Anthracene	17.993	178	160	24.231	ng	#	61
73) Carbazole	18.252	167	281	48.711	ng	#	38
74) Di-n-butylphthalate	18.734	149	401	57.508	ng	#	73
75) Fluoranthene	19.750	202	4534	594.898	ng		70
77) Benzidine	19.944	184	4570	868.693	ng	#	68
78) Pyrene	20.291	202	6628	419.889	ng	#	68
80) Butylbenzylphthalate	21.072	149	196	30.281	ng	#	10
81) Benzo(a)anthracene	22.147	228	221	13.922	ng	#	77
82) 3,3'-Dichlorobenzidine	22.059	252	230	38.891	ng	#	22
83) Chrysene	22.212	228	141	9.690	ng	#	1
84) Bis(2-ethylhexyl)phtha...	21.942	149	757	83.663	ng	#	59
85) Di-n-octyl phthalate	23.281	149	764	43.861	ng	#	1
87) Indeno(1,2,3-cd)pyrene	29.927	276	132	11.183	ng	#	47
88) Benzo(b)fluoranthene	24.597	252	240	28.069	ng	#	47
89) Benzo(k)fluoranthene	24.674	252	90	10.647	ng	#	59
90) Benzo(a)pyrene	25.543	252	95	10.411	ng	#	59
91) Dibenzo(a,h)anthracene	29.991	278	203	20.327	ng	#	1
92) Benzo(g,h,i)perylene	31.201	276	91	9.603	ng	#	59

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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